

WORKING THE WIRELESS ACROSS THE PACIFIC

(By Associated Press)
SAN FRANCISCO, Cal., June 13.—While naval radio communication across the Pacific during the last two years, supplementing Commercial Pacific cable, has carried a greater volume of trans-Pacific messages than ever before transmitted, plans have been approved that will increase this volume to five or six times the present capacity. Information concerning these proposed improvements revealed here, indicates that the fast-expanding demand for commercial communication facilities which have led to plans in Japan for a new trans-Pacific cable, will be met by radio transmission and congestion will soon be a matter of the past.

Installation of automatic high speed sending and receiving apparatus at all high-power naval radio stations, and the opening of a second trans-Pacific radio circuit are two of the main improvements that have been approved. Vast strides in radio transmission have been made during the past two years, improvements that, however, have been

guarded as war secrets. When detailed reports are made available of the amount of communication handled, commercial and government, and complete assumption of trans-Pacific communication by the naval radio during periods when the cable was rendered useless by breaks, the revelation of service will come as a surprise to those interested in trans-Pacific communication. It has been learned here.

The present United States Naval Radio Communication Service is maintained for commercial work out of San Francisco to Pearl Harbor, Hawaiian Islands, from which circuits are maintained to Fushimi, Japan, Cavite, Manila, which relays to the far east; Tutuila, Guam and other stations in the Pacific.

It is upon this circuit that automatic high speed sending and receiving apparatus will be installed, increasing the transmission efficiency five or six times.

It has been necessary for the naval radio station at Guam to serve as relay between Cavite and Pearl Harbor, but a short time ago improvements by means of subterranean antennae have permitted direct communication between the Hawaiian Islands and the Philippines.

The use of subterranean antennae, used with excellent results on the Atlantic coast, was just recently added to the naval radio communication service in the Pacific. Instead of high aerials, the antennae is placed a few feet underground or in the water.

Additional power has been authorized for this circuit, contemplating installation of a new power plant at Cavite, which upon completion, will permit at least of cutting down one relay; and a 500-kilowatt plant at Guam with distant control which will permit direct communication between San Francisco and Guam, thus eliminating the relay at Pearl Harbor. In addition the transmitting station at South City, San Francisco, will be increased from 60 to 100 kilowatts.

The next important development will be the establishment of a second trans-Pacific circuit to the north, from a high-power station at Keyport, Washington, to St. Paul, Pribylof Islands, to Russian Island, Vlad-

MAKING A. E. F. A GREAT SCHOOL

(Correspondence Associated Press)

BEAUNE, France, May 20.—Belief that the American expeditionary force university here has shown that it is feasible to make the United States army a great school for America, is expressed by Dr. John Erskine, professor of English in Columbia university. Dr. Erskine is one of the three members of the recently created educational corps of the American expeditionary force.

The great university is nearing its close for the troops soon must be returned to America, but Dr. Erskine regards it as a laboratory which has demonstrated the possibility of universal training in America with the United States army as the medium.

"The A. E. F. university seems to be a significant experiment from the point of view of education in the United States," said Dr. Erskine.

"I have been fascinated with the idea that we might introduce into our national life a system of universal training not yet attempted—a system which should be compulsory for all men whether or not they are physically fit to be soldiers, which should serve as an annual inventory of our national resources physically, mentally and morally. The university might serve as a model for the training camps which would be found in such a system; a student would be under military discipline, and would enjoy all advantages of the well-administered military camp, but he would pursue whatever subjects his tastes and his situation in life might cause him to desire, from bricklaying to university study.

"It has interested me exceedingly to observe, as I have advanced the idea that our army should be transformed into an instrument for education, that the idea has met with intelligent response from the experienced officers of the regular army.

"The university has come to mean for many of us here the hope that our most chivalrous soldiers, our best trained scientists, our citizens with the largest imagination may agree on a program of universal training which will quickly drive out illiteracy and all disease that is avoidable, and will fit men and women to take a worthy part in the peace time business of our country.

"If we should so organize the United States, we should be prepared against attack in time of war, and we should also be prepared, as far as is humanly possible, against prejudices and ignorances which tend to drive nations into war."

Vostok, to the Marines station, Peking, and Cavite. Those stations are all American radio stations. The Russian Island station at Vladivostok will be able to communicate in addition with Shanghai, a French station, Omsk and other Siberian stations.

NURSING BABY OF FREE TRADE

(Correspondence Associated Press)

LONDON, May 19.—The British government still finds it necessary to "nurse the baby" of trade, even if big profits have to be put into the "bottle." Sir Auckland Geddes, acting president of the Board of Trade, told a deputation of Liberals who called on him to urge that the present restrictions on imports and exports were hampering business in this country and preventing British merchants from competing on equal terms with Americans in neutral countries.

Sir Auckland admitted that profits of several hundred percent were being made in wool but he was of the opinion that the import restrictions must be kept on despite needs of the consumer and the consuming industries. He said he thought much unemployment would be caused if the restrictions were to be lifted suddenly. Trade confidence was just beginning to return, he argued, and nothing should be done to hamper it.

The appointment of Bill Flynn, former chief of the secret service of the treasury department, to catch the perpetrators of the bomb outrages is an admirable selection. Flynn is one of the premier crack pinchers in the country.

CITY SWIMMING POOL

Notice is hereby given that the swimming pool will be opened for children daily from 1 to 5 o'clock during which hours no adults will be admitted. Adults will find the baths available during the morning and from 5 to 10 o'clock in the evening. The management has set aside Thursday from 9 to noon for ladies' day.

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MINISTER TO BOLIVIA

(Correspondence Associated Press)

MEXICO CITY, May 23.—Jose Cuatrecasas, a diplomat who has served Mexico in several South and Central American countries, has been appointed resident minister to Bolivia by President Carranza. He will take his post at an early date.

We have often thought that strips of cafeteria asparagus would be an admirable substitute for stays in a corset.

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50,000 shares of treasury stock or any part thereof on the basis of 10c per share, par value \$1, of the Saturn Mining Co., of Austin, Washington District. Money to be used in development work. Address all communications to Saturn Mining Co., Austin, Nevada.—AdvM26328

However, it must be admitted that both Senators Borah and Reed are getting their names in the newspapers.

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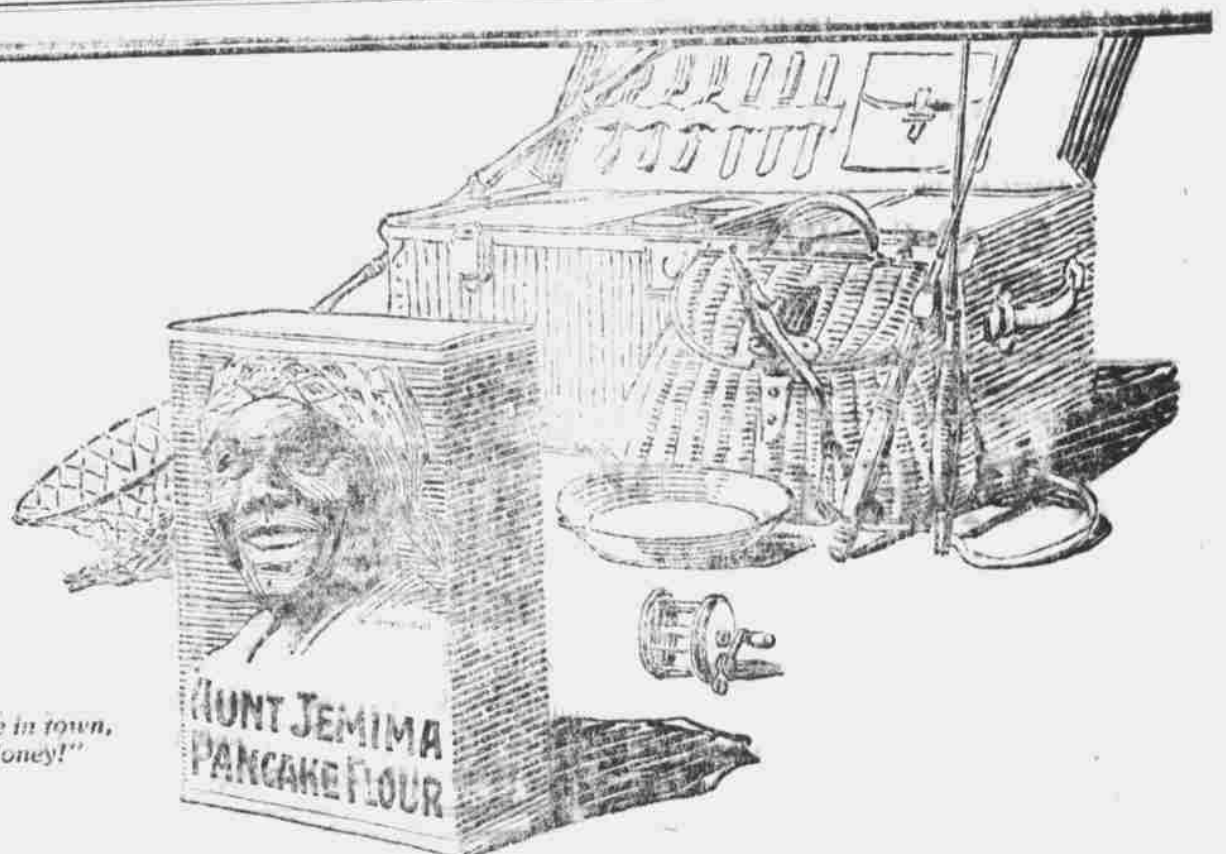
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